E7495

Notebook PC

User Guide for Windows® 8

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Contents

About this user guide

This user guide provides an overview of using Windows® 8 plus the exclusive ASUS software applications included with your Notebook PC.

As you read along, you will find certain icons, messages, and typography used as follows:

Icons

The icons below indicate which device can be used for completing a series of tasks or procedures on your Notebook PC.

= Use the touchpad.

= Use the keyboard.

Messages

To highlight key information in this user guide, messages are presented as follows:

IMPORTANT! This message contains vital information that must be followed to complete a task.

NOTE: This message contains additional information and tips that can help complete tasks.

WARNING! This message contains important information that must be followed to keep you safe while performing certain tasks and prevent damage to your Notebook PC's data and components.

Typography

Bold = This indicates a menu or an item that must be selected.

Italic = This indicates the keys you should press on the keyboard.

Before upgrading to Windows® 8

To facilitate a smoother transition from your previous operating system, read the system requirements below before upgrading to Windows® 8:

Processor	1GHz or faster
RAM	1GB (32-bit) or 2 GB (64-bit)
Hard disk space	16 GB (32-bit) or 20 GB (64-bit)
Graphics card	Microsoft DirectX9 graphics device with WDDM driver
Screen resolution	1024 x 768 for Windows® apps
	1366 x 768 for Snap feature

NOTE: For updates on these system requirements, visit **http://www.windows.microsoft.com/en-us/windows-8/faq**

Using Windows® 8 for the first time

After completing the installation process, Windows® 8 directs you to a series of steps where you can customize your account settings and set user preferences for your Notebook PC.

The setup process consists of the following:

Step 1: Pick the language

Step 2: License Agreement

Step 3: Personalize

Step 4: Wireless

> **NOTE:** This step allows you to connect to the internet during the setup process. If you do so, you can enable both of these sign in options for your Notebook PC: **Using your Microsoft account** and **Using a local account**. If you choose to **Connect to a wireless network later**, you will only be prompted to create a local account during the setup process.

Step 5: Settings

Step 6: Sign in to your Notebook PC

> **NOTE:** Windows® 8 prompts you to sign in using your local account or Microsoft account depending on the settings you customized in Step 4.

Starting up Windows® 8

To access Windows® 8 from Shut Down, Sleep, or Hibernate mode, refer to the following steps:

1. Press the power button on your Notebook PC .
2. The Windows® 8 lock screen appears after the Notebook PC boots up. Click on the touchpad or press any key on the keyboard to proceed.
3. Sign in using your local account or Microsoft account.
4. The Start screen appears next, indicating that you have successfully signed in to Windows® 8.

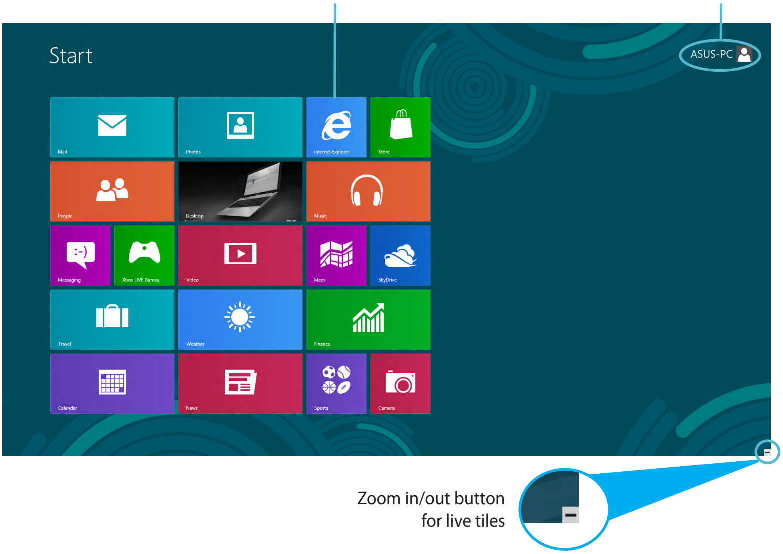
NOTE: Steps 2-4 are also applicable when restarting your Notebook PC.

Windows® UI

Windows® 8 comes with a tile-based user interface (UI) which allows you to organize and easily access Windows® apps from the Start Screen. It also includes the following features that you can use while working on your Notebook PC.

Start screen

The Start screen appears after successfully signing in to your user account. It helps organize all the programs and applications you need in just one place.



Windows® apps

This group of applications can be customized to provide a one-stop hub for work and play on your Notebook PC. Each of them represent a specific function that you can use and share through network connections.

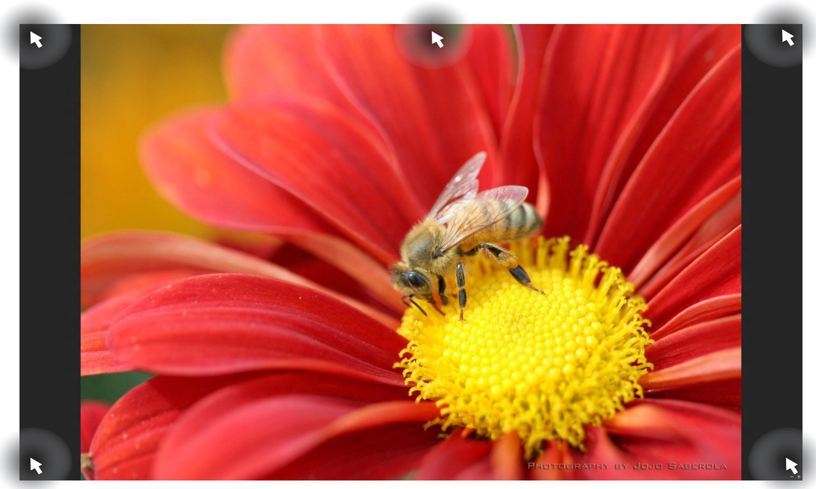
IMPORTANT! A screen resolution of 1024 x 768 pixels or higher is required to run Windows® apps.

NOTE: Some apps require signing in to your Microsoft account before they are fully launched.

Hotspots

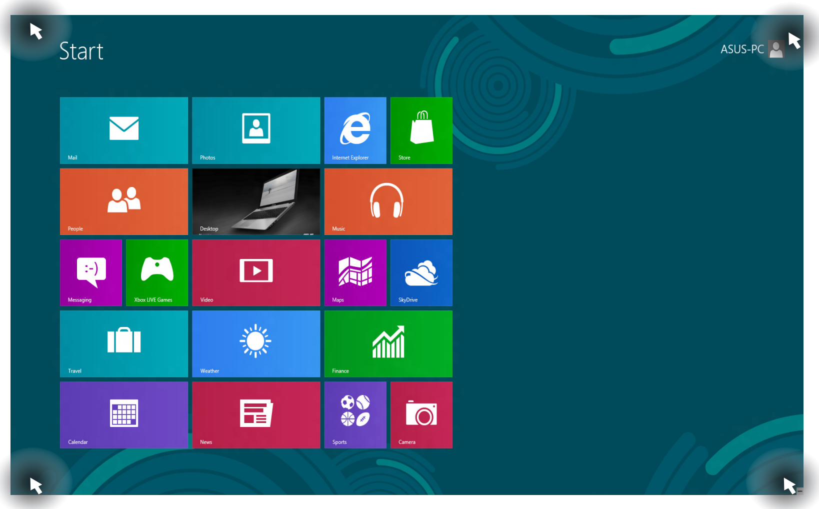
Onscreen hotspots allow you to launch programs and access the settings of your Notebook PC. The functions in these hotspots can be activated using the touchpad.

Hotspots on a launched app



Hotspot	Action
upper left corner	(1) Hover your mouse pointer then click on the recent app's thumbnail to revert back to that app.
	(2) If you launched more than one app, slide down to show all launched apps.
lower left corner	Hover your mouse pointer then click on the Start screen's thumbnail to revert back to the Start screen.
top side	Hover your mouse pointer until it changes to a hand icon. Drag then drop the app to a new location.
upper and lower right corner	Hover your mouse pointer to launch the **Charm bar.**

Hotspots on the Start screen



Hotspot	Action
upper left corner	(1) Hover your mouse pointer then click on the recent app's thumbnail to revert back to that app.
	(2) If you launched more than one app, slide down to show all launched apps.
lower left corner	Hover your mouse pointer then click on the recent app's thumbnail to revert back to that app.
upper and lower right corner	Hover your mouse pointer to launch the **Charm bar.**

Working with Windows® apps

Use your Notebook PC's touchpad or keyboard to launch and customize your apps.

Launching apps

Position your mouse pointer over the app then left-click or tap once to launch it.

Press *tab* twice then use the arrow keys to browse through the apps. Press *enter* to launch the app you chose.

Closing apps

1. Move your mouse pointer on the top side of the launched app then wait for the pointer to change to a hand icon.
2. Drag then drop the app to the bottom of the screen to close it.

From the launched app's screen, press *alt* + *f4*.

Customizing apps on the Start Screen

Move, resize, or unpin apps from the Start screen using the following actions:

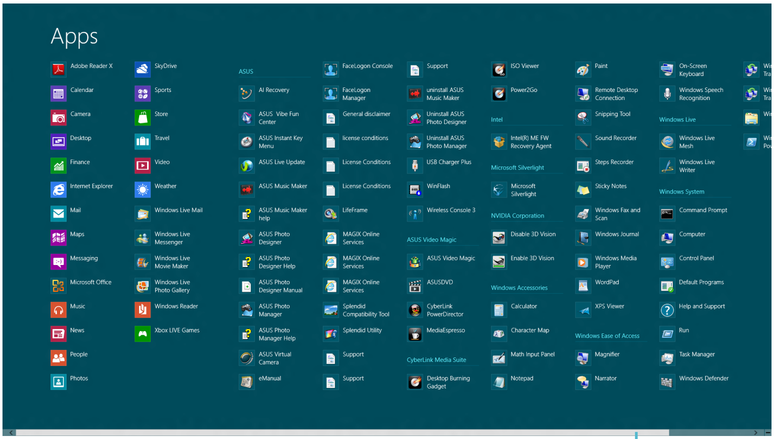
To move an app, double-tap on the app then drag to a new location.

To resize an app, right-click on the app to activate its settings then click on the icon.

To unpin an app from the Start screen, right-click on the app to activate its settings then click on the icon.

Accessing All Apps

Aside from the apps already pinned on your Start screen, you can also open other applications like the exclusive ASUS Software apps bundled with your Notebook PC through the All Apps screen.



Horizontal scroll bar

Launching the All Apps screen

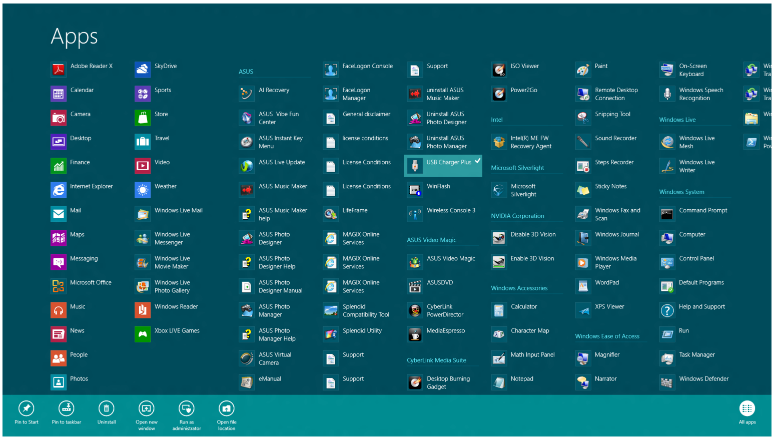
Right-click on the Start screen then click the **All Apps** icon.

From the Start screen, press *Windows key* + *Z*. The **All Apps** icon is automatically selected so just press *enter*.



Adding more apps on the Start screen

1. Position the mouse pointer over the app you want to add on the Start screen.
2. Right-click on the app to activate its settings.



3. Click on the 

icon.



Charm bar

The Charm bar is a toolbar that can be triggered on the right side of your screen. It consists of several tools that allow you to share applications and provide quick access for customizing the settings of your Notebook PC.



Charm Bar

Launching the Charm bar

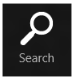
NOTE: When called out, the Charm bar initially appears as a set of white icons. The image above shows how the Charm bar looks like once activated.

Use your Notebook PC's touchpad or keyboard to launch the Charm bar.

Move your mouse pointer on the upper or lower right corner of the screen.

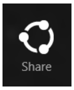
Press *Windows key + C*.

Inside the Charm bar



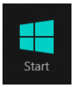
Search

This tool allows you to look for files, applications, or programs in your Notebook PC.



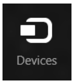
Share

This tool allows you to share applications via social networking sites or email.



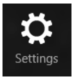
Start

This tool reverts the display back to the Start screen. From the Start screen, you can also use this to revert back to a recently opened app.



Devices

This tool allows you to access and share files with the devices attached to your Notebook PC such as an external display or printer.



Settings

This tool allows you to access the PC settings of your Notebook PC.

Snap feature

Using the Snap feature allows you to run two applications simultaneously on your Notebook PC. Once activated, the Snap bar appears to divide your display into two.

> **IMPORTANT!** A screen resolution of at least 1366 x 768 pixels is required to use the Snap feature.



Snap bar

Activating Snap

Use your Notebook PC's touchpad or keyboard to activate Snap onscreen.

1. Click on an app to launch it.
2. Hover the mouse pointer on the top side of your screen.
3. Once the pointer changes to a hand icon, drag then drop the app to the right or left side of the display panel.

Launch an app then press the *Windows key* + . to activate the Snap bar. The first app would automatically be placed in the smaller display area.

Wi-Fi connection

Access emails, surf the Internet, and share applications via social networking sites using your Notebook PC's Wi-Fi connection.

> **IMPORTANT!** The **Airplane mode** should be turned off to enable this function.

Disabling Airplane mode

Use your Notebook PC's touchpad or keyboard to disable this mode.

1. Launch the **Charm bar.**
2. Click **Settings** then click on the 

icon.
3. Slide the settings bar to the left to turn this mode off.

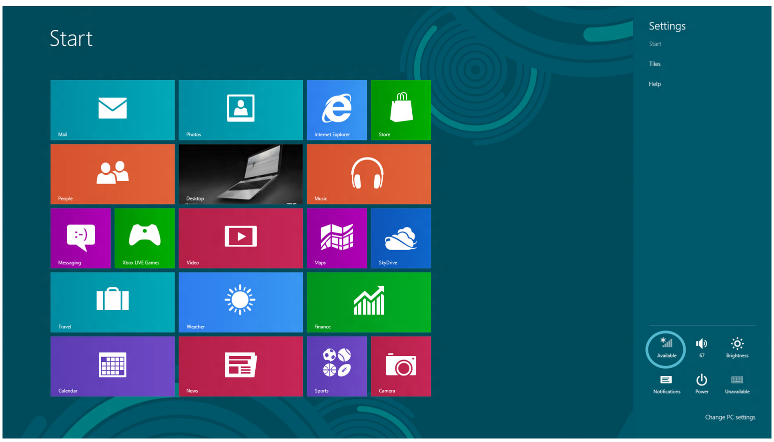
Press *fn + f2.*

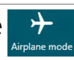
Enabling Wi-Fi

Activate Wi-Fi in your Notebook PC using the following steps:

1. Activate the **Charm bar.**
2. Click **Settings** then click on the 

icon.



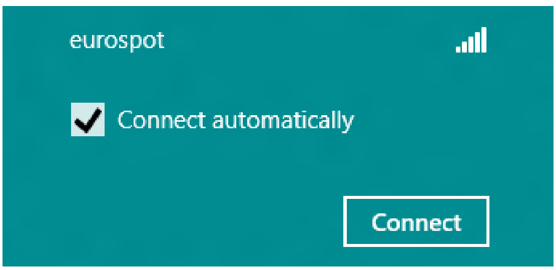
> **NOTE:** If **Airplane mode** is enabled, the 

appears instead of the Available icon.

3. Select an access point from the list of available Wi-Fi connections.



4. The access point you chose gets activated as below. Click **Connect** to start the network connection.



NOTE: You may be prompted to enter a security key to activate the Wi-Fi connection.

Function keys

The function keys on your Notebook PC's keyboard can trigger the following commands:

fn + f1	puts the Notebook PC into **Sleep mode**
fn + f2	turns **Airplane mode** on or off **NOTE:** When enabled, the **Airplane mode** disables all wireless connectivity.
fn + f3	**(on selected models)** decreases keyboard brightness for Notebook PC models with a keyboard backlight
fn + f4	**(on selected models)** increases keyboard brightness for Notebook PC models with a keyboard backlight
fn + f5	decreases display brightness
fn + f6	increases display brightness
fn + f7	turns the display panel off
fn + f8	activates the second screen **NOTE:** Ensure that the second screen is connected to your Notebook PC.
fn + f9	launches the Touchpad app for you to enable or disable
fn + f10	turns the speaker on or off
fn + f11	turns the speaker volume down
fn + f12	turns the speaker volume up

Function keys for ASUS Apps

Your Notebook PC also comes with a special set of function keys that can be used to launch ASUS apps.

fn + C	**toggles the ASUS Splendid Video Enhancement Technology app** to switch between these display color enhancement modes: Gamma Correction, Vivid Mode, Theater Mode, Soft Mode, My Profile, and Normal.
fn + V	**launches the ASUS LifeFrame app** (see page 22 for more details)
fn + spacebar	**launches the ASUS Power4Gear Hybrid app** (see page 24 for more details)

Featured ASUS Apps

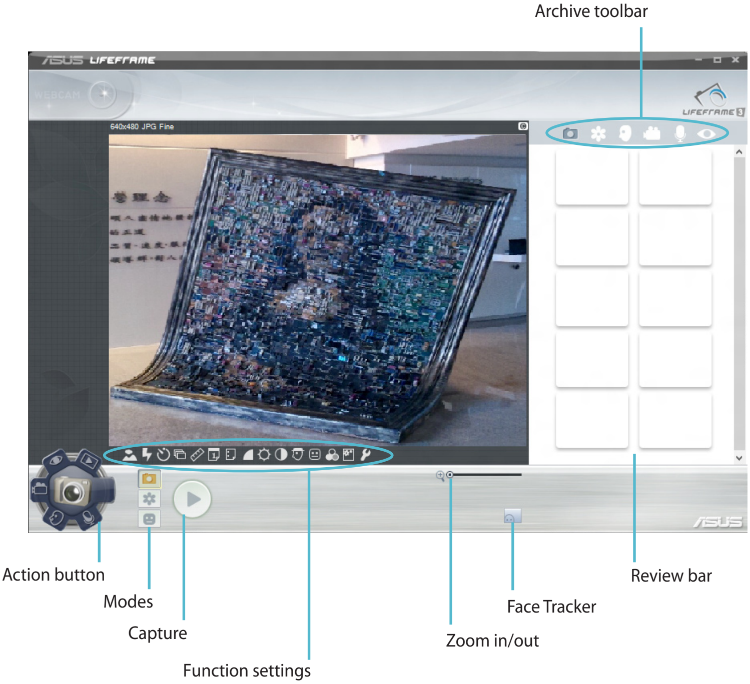
LifeFrame

Enhance your webcam functions through the LifeFrame app. Create snapshots, edit photos, record videos, record audio files, use your webcam as a security monitoring device, and play games using this app.

NOTE: Some Notebook PC models might require you to enable the camera before using LifeFrame.

To launch LifeFrame

Press *fn* + *V*



LifeFrame functions



Camera

Use this function to take pictures using your webcam.



Camcorder

Use this function to take videos through your webcam.



Monitor

This function lets you use your webcam as a security video monitor as it automatically detects movement then captures it on photo.



Voice Recorder

Use this function to record audio files in your Notebook PC.



Game

This function lets you play games using the webcam.

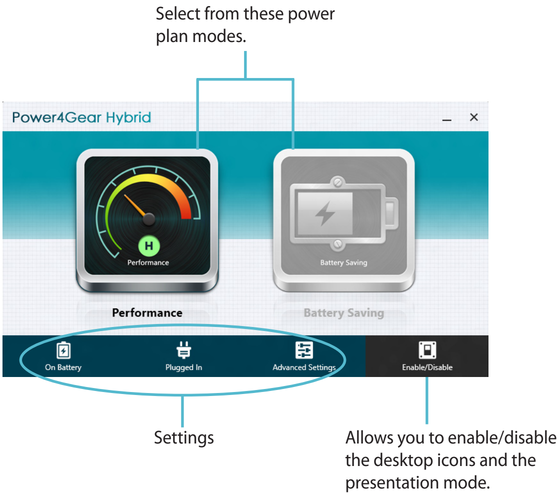
Power4Gear Hybrid

Optimize the performance of your Notebook PC using the power saving modes in Power4Gear.

> **NOTE:** Unplugging the Notebook PC from its power adapter automatically switches Power4Gear Hybrid to Battery Saving mode.

To launch Power4Gear Hybrid

Press *fn* + *spacebar*



Performance mode

Use this mode when doing high-performance activities like playing games or conducting business presentations using your Notebook PC.

To customize, click the **Performance** icon inside the Power4Gear Hybrid window then click on **Settings.**

Battery Saving mode

This mode extends your Notebook PC's battery life while plugged in to the power adapter or while running on battery power only.

To customize, click the **Battery Saving** icon inside the Power4Gear Hybrid window then click on **Settings.**

USB Charger+

USB Charger+ allows you to quick charge mobile devices via your ASUS Notebook PC's USB charge port.

This feature can also be used even while your Notebook PC is on sleep, hibernate, or shutdown mode (on selected models).

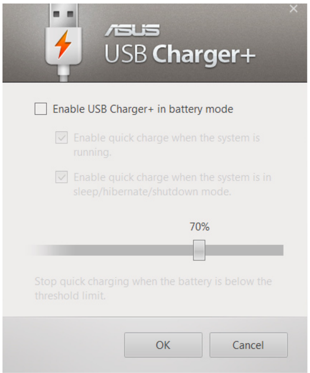
> **NOTE:** USB Charger+ is available in your USB 3.0 charge port with the ⚡ icon.

> **WARNING:** If your connected device overheats, remove it immediately.

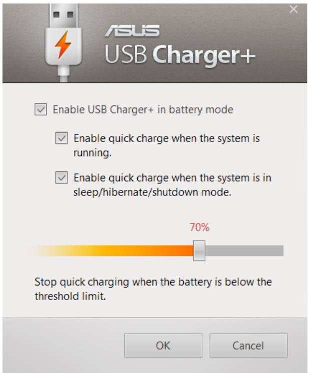
Using the USB Charger+ Settings

The USB Charger+ Settings lets you set the charge limit when your ASUS Notebook PC is running on battery power. This also allows you to charge devices while your Notebook PC is on sleep, hibernate, or shutdown mode.

1. Right-click on the USB Charger+ icon on the desktop tray, then click **Settings.**
2. Tick **Enable USB Charger+ in battery mode.**



3. Select one or both of these charging options: **Enable quick charge when the system is running** or **Enable quick charge when the system is in sleep/hibernate/shutdown mode.**



NOTE: On some models, the USB Charger+ automatically selects both options. You can deselect these two options, if necessary.

4. Move the percentage slider to the left or to the right to set the limit for charging devices.

5. Click **OK** to save the settings made. Otherwise, click **Cancel**.

Instant On

Save battery power while your Notebook PC is on deep sleep mode (Deep S3) using Instant On.

NOTE: Deep S3 is a technology that lets you save more battery power while your ASUS Notebook PC is on sleep mode.

IMPORTANT! The standby time varies according to your Notebook PC's remaining battery capacity, computer model, configuration, and operating conditions.

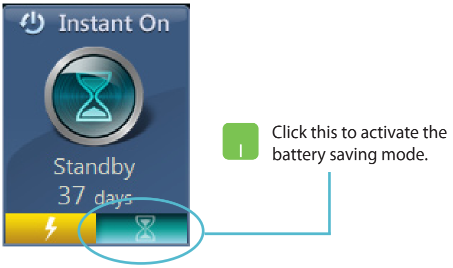
Performance mode

This mode is default-enabled in your Notebook PC. It allows the system to return to its last working state in two seconds, even after your Notebook PC has entered into deep sleep mode.



Battery saving mode

This mode enables longer standby times allowing the battery to last for up to thirty (30) days or more. When enabled, the Notebook PC returns to its last working state in as fast as seven seconds, four hours after entering into deep sleep mode.



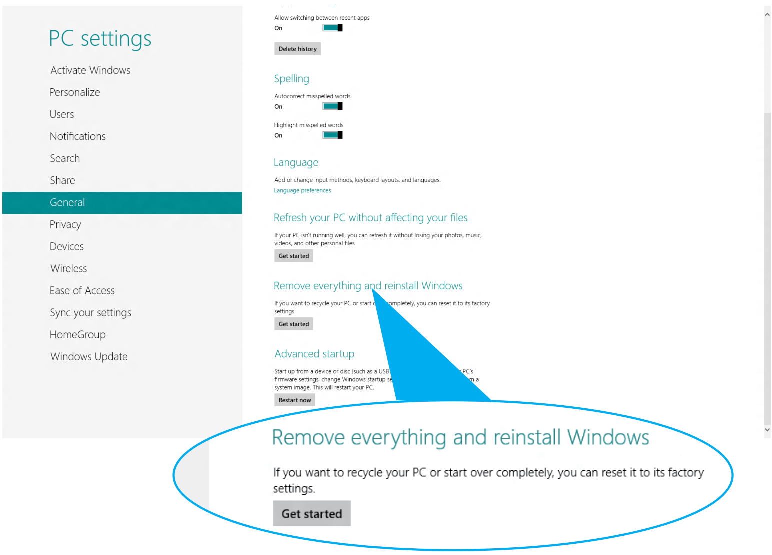
Remove everything and reinstall Windows

Restoring your Notebook PC to its original factory settings can be done using the **Remove everything and reinstall** option in PC Settings. Refer to the steps below to enable this option:

IMPORTANT! Back up all your data before enabling this option.

NOTE: This process may take a while to complete.

1. Launch the **Charm bar.**
2. Click **Settings > Change PC Settings >General.**
3. Scroll down to view the **Remove everything and reinstall Windows** option. Under this option, click **Get Started.**

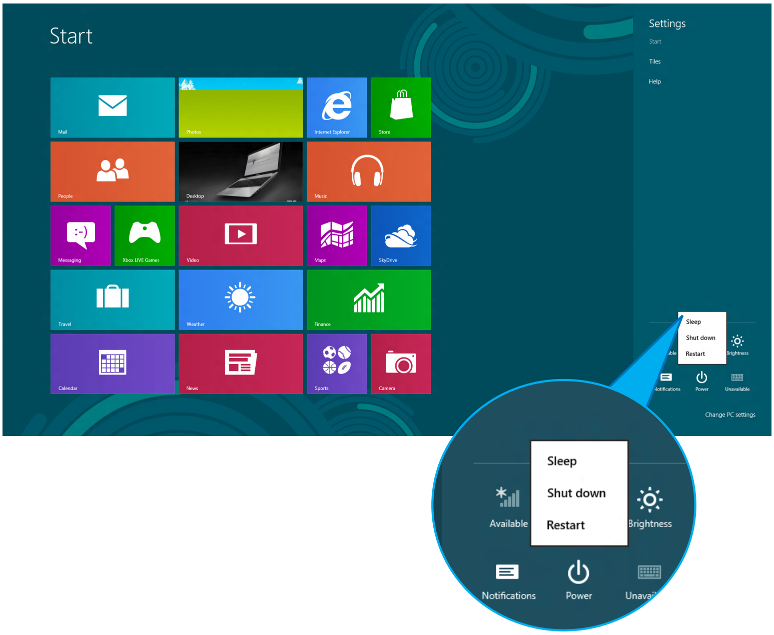


4. Follow the onscreen instructions to complete the reinstallation and reset process.

Shutting down your Notebook PC

Shutting down your Notebook PC can be done on the Start screen or from the desktop.

1. Launch the **Charm bar.**
2. Click **Settings > Power > Shutdown.**



To shut down from the desktop, press *alt* + *f4* to launch the Shut Down window.

Select **Shut Down** from the drop-down list then click **OK.**

